The Regular Meeting of the Washington County Service Authority Board of Commissioners, held in the E. W. Potts, Jr. Board Room located at 25122 Regal Drive, Abingdon, Virginia, was called to order by the Chairman at 6:00 pm.

Mr. Taylor welcomed Mr. Kenneth Nurre to the Board.

ROLL CALL

Commissioners Present:

Mr. Kenneth Taylor, Chairman

Mr. Mr. Wayne Campbell

Mr. Jim McCall

Mr. Dwain Miller

Mr. Kenneth Nurre

Mr. Vernon Smith

Mr. Mike White

WCSA Officers Present:

Robbie Cornett; Secretary, General Manager

Melinda Jett; Treasurer, Controller Carol Ann Shaffer; Assistant Secretary, Administrative Assistant

General Counsel Present:

Dawn Figueiras; Elliott, Lawson & Minor, P.C.

Consultants Present:

Dennis Amos, PE; Hurt & Proffitt, Inc. Bobby Lane, PE; The Lane Group, Inc. Kevin Heath, PE; The Lane Group, Inc.

WCSA Staff Present:

Dave Cheek; Operations Manager Holly Edwards; Customer Service Ryan Kiser, PE; Engineering Manager Johnny Lester; Maintenance Manager

3. Approval of the Agenda

Mr. Cornett submitted an Amended Agenda for consideration.

Mr. McCall motioned to approve the Amended Agenda, Mr. Miller seconded and the Board approved voting 7-0-0-0.

4. Public Query and Comment

There was no public query or comment.

5. Approval of the Consent Agenda

A. Approval of Minutes:

- June 20, 2017 Picnic Committee Minutes
- June 26, 2017 Regular Meeting Minutes

B. Routine Reports: June 2017

- Water Production
- Water Distribution
- Meter Department
- Wastewater Operations
- Customer Service
- Maintenance
- Engineering
- Accounting
- Health & Safety Report

C. Financial Reports: June 2017

- Balance Sheet
- Income Statement
- Check Register / General Manager Financial Statement

D. Consideration of Bond Resolution for the Exit 13 Phase 3 Sewer Project – Melinda Jett

Mrs. Shaffer asked the Board to consider a change in the July 26, 2017 minutes; Item 10 on page 3 of 4, Mr. Heath's recommendation should read "And WCSA delay Contracts 4 and 5 (instead of 3 and 4) until some future date when or if sufficient funding becomes available.

Mr. Campbell motioned to amend the Consent as requested. Mr. Smith seconded and the Board approved voting 7-0-0-0.

Mr. Campbell motioned to approve the Amended Consent Agenda, Mr. Miller

seconded and the Board approved with a 7-0-0-0 vote.

6. Operations Manager's Report and Update – Dave Cheek

An outline of the presentation Mr. Cheeks discussed is attached.

7. General Manager's Report & Update - Robbie Cornett

An outline of the presentation discussed by Mr. Cornett is attached.

8. Water and Wastewater Construction Projects Update – Ryan Kiser

Mr. Kiser reviewed the attached presentation.

9. Engineer's Report and Update Dennis Amos of Hurt & Proffitt Inc. (H&P):

Mr. Amos provided updates on the following projects.

- Exit 13 Sewer Project Phase 2A
- Exit 13 Sewer Project Phase 3

Kevin Heath of The Lane Group (TLG): TLG:

Mr. Heath reported on the following projects:

- Abingdon Tank Improvements
- Route 58 Water Supply Improvements Project

Bobby Lane of TLG:

Mr. Lane updated the Board on the following projects.

- Galvanized Waterline Replacement Project Phase III
- Mill Creek Water System Improvements

10. Consideration of Engineering Agreements between WCSA and Thompson & Litton and WCSA and

The Lane Group for the Lee Highway Corridor Sewer Project – Ryan Kiser

Mr. Kiser recommended the Board favorably approve contracts from Thompson and Litton and The Lane Group.

Mr. Miller motioned to approve both contracts as recommended. Mr. Campbell seconded and the Board voted 7-0-0-0 approving the motion.

11. Consideration of Construction Bids for the Ritchie Road Water Line Extension Project - Ryan Kiser

Mr. McCall abstained from discussion or voting on Item 10 as he is employer, King General Contractors, submitted bids for this project.

After Mr. Kiser discussed the bid comparison and ranking, he recommended the Board reject all bids and rebid the project.

Mr. Smith motioned to reject the bids and rebid the project as recommended. Mr. White seconded and the Board approved voting 6-0-1-0 with Mr. McCall abstaining.

12. Election of Officers for August 2017 through July 2018 – Kenneth Taylor

Article III, Section 1 of WCSA's Bylaws says that annually, the Board must elect officers. The current officers are Chairman (Mr. Taylor), Vice-Chairman (formerly Mr. Nelson), Treasurer (Melinda Jett). Secretary (Robbie Cornett) and Assistant Secretary (Carol Ann Shaffer). The Virginia Water and Waste Authorities Act 15.2-5113, found in your resource notebook, is helpful in this area.

Mr. Taylor said any of the Commissioners were very capable of being Chairman of the Board. Mr. Taylor then announced he was stepping

down as Chairman and opened the floor for nominations for Board Chairman.

Mr. Nurre nominated Mr. White for Board Chairman. Mr. McCall seconded and the Board approved voting 7-0-0-0. For Vice Chairman, Mr. Nurre nominated Mr. McCall. Mr. White seconded and the Board approved voting 7-0-0-0.

Mr. Nurre then motioned to appoint Mr. Cornett as Secretary, Mrs. Jett as Treasurer and Mrs. Shaffer as Assistant Secretary. Mr. Campbell seconded and the motion passed with a 7-0-0-0 vote.

13. Consideration of Committee Appointments - Kenneth Taylor

• Washington County Joint Utilities Committee

Mr. Campbell agreed to continue to serve on this committee. Mr. McCall nominated Mr. Nurre to serve.

Mr. White motioned to approve Mr. Campbell and Mr. Nurre to serve on the Washington County Joint Utilities Committee. Mr. Smith seconded and the motion carried with a 7-0-0-0 Board vote.

- Chilhowie/WCSA Regional Water Treatment Plant Steering Committee Mr. Taylor volunteered to serve on the Steering Committee. Mr. Campbell motioned to approve Mr. Taylor, Mr. Nurre seconded. Mr. Campbell amended his motion to include Mr. Taylor and Mr. Cornett for service on the Chilhowie/WCSA Regional Water Treatment Plant Steering Committee. Mr. White seconded the amended motion and the motion carried with a 7-0-0-0 Board vote.
- Dispute Committee

Mr. Campbell motioned to approve Mr. White and Mr. McCall. Mr. Nurre seconded and the Board approved voting 7-0-0-0.

• ESCO/Meter Replacement Committee

Mr. White motioned to approve Mr. Miller's and Mr. Campbell's continued service on the committee. Mr. Nurre seconded and the Board voted 7-0-0-0 approving the motion.

• Disaster Response Committee Mr. Campbell motioned to continue with the appointment of Mr. White and Mr. Smith on the Disaster Response Committee. Mr. Nurre seconded and the Board approved voting 7-0-0-0.

14. Consideration of the 2017-2018 WCSA Regular Board Meeting Schedule and 2018-2019 Annual Meeting Schedule – Kenneth Taylor

At Mr. Miller's motion and Mr. Campbell's second, the Board voted 7-0-0-0 approving the 2017-2018 Board meeting schedule listed below:

2017-2018 Regular Meetings at 6:00 pm in the E.W. Potts Board Room:

- August 28, 2017
- September 25, 2017
- October 23, 2017
- November 27, 2017 (Monday after Thanksgiving)
- December 18, 2017 (third Monday; week before Christmas)
- January 22, 2018
- February 26, 2018
- March 26, 2018
- April 23, 2018
- May 21, 2018 (Third Monday; week before Memorial Day)
- June 25, 2018

2018-2019 Annual Meeting at 6:00 pm in the E.W. Potts Board Room:

• July 23, 2018

15. Consideration of a Resolution of Commendation for W. Mark Nelson – Kenneth Taylor

Mr. Cornett referred to the Commendation included in the Board Packet.

Mr. White moved to approve the commendation with signature lines for all seven Commissioners. Mr. Campbell seconded and the Board approved the changes voting 7-0-0-0.

Mr. White motioned to accept the Amended Resolution of Commendation. Mr. Campbell seconded and the Board approved with a unanimous vote.

16. Consideration of the 2017-2018 Fiscal Year Banking Resolutions – *Melinda Jett*

Mrs. Jett asked the Board consider empowering the Controller (Melinda Jett), and at least four additional persons (recommending the Chairman, Vice Chairman, WCSA General Manager (Robbie Cornett) and WCSA Customer Service Manager (Holly Edwards)) to be included on the HUB resolutions item #3 and #5.

Mrs. Jett recommended the Board consider limiting to two persons the authority to open new accounts, borrow money, or obtain safe deposit boxes (recommending the current representatives, Robbie Cornett and Melinda Jett). She asked the Board to consider two of the above persons to be included on the HUB resolution for item #1, #2, #4 and #6 (opening new accounts, borrowing money, safe deposit boxes and "all powers").

Mr. Miller motioned to approve the recommendations as stated, Mr. Nurre seconded and the Board approved voting 7-0-0-0.

17. Consideration of Awarding Contract 4 for the Route 58 Water Supply Improvements Project and Applying for Funding with Mount

Rogers Planning District Commission – Kevin Heath

Mr. McCall abstained from discussion or voting on this item as his employer, King General Contractors, bid on the project.

Mr. Heath recommended the Board support the decision made during the June 26, 2017 meeting, requiring no additional action.

The Board took no action

18. Consideration of Receipt of Property from Washington County, Virginia – Robbie Cornett

Washington County School System recently conveyed property located where the Love's Travel Stop constructed a sewage pump station. Washington County asks the Board of Commissioners to consider a motion to accept that property from Washington County and authorize the Chairman to sign the Deed.

The Board discussed concerns about the existing sewer well on site.

Mrs. Figueiras suggested the Board consider a motion to accept receipt of property from Washington County Virginia subject to finalizing closure of the sewer treatment plant by the School Board per the DEQ approved closure plan.

Mr. Campbell made a motion to approve the motion as recommended by Mrs. Figueiras. Mr. Nurre seconded and the Board approved voting 7-0-0-0.

19. Consideration of Bylaws Amendments - Chairman

As Current Chairman, Mr. Taylor asked that the new Chairman to hold a By-Laws Board Workshop within the next 90 days.

Mr. White motioned to approve Mr. Taylor's request for a By-Laws Board

Workshop within the next 90 days. Mr. Campbell seconded and the motion carried with a 7-0-0-0 vote.

20. Closed Meeting - 8:08 pm

Mr. Campbell moved that the Board adjourn to Closed Meeting in accordance with the Virginia Freedom of Information Act;

- 1. Code of Virginia Section 2.2-3711 Paragraph (A) (6): Investment of Public Funds:
 - a. Discussion or consideration of the investment of public funds where competition or bargaining is involved, where, if made public initially, the financial interest of the governmental unit would be adversely affected.
 - i. Easement and property acquisition related to the Oak Park Project; and
- 2. Code of Virginia Section 2.2-3711 Paragraph (A) (7): Legal Advice
 - a. Consultation with legal counsel and briefings by staff members or consultants pertaining to actual or probable litigation, where such consultation or briefing in open meeting would adversely affect the negotiating or litigating posture of the public body.
 - i. Easement and property acquisition related to the Oak Park Project; and
- 3. Code of Virginia Section 2.2-3711 Paragraph (A) (29): Contracts:
 - a. Discussion of the award of a public contract involving the expenditure of public funds, including inter views of bidders or offerors, and discussion of the terms or scope of such contract, where discussion in an open session would adversely affect

the bargaining position or negotiating strategy of the public body.

i. Outside Legal Counsel Contract

In addition to the Board, the presence, as needed, of Dawn Figueiras, WCSA Legal Counsel, Thomas Dene, Attorney and Robbie Cornett, WCSA General Manager was requested.

Mr. McCall seconded the Motion of Closed Meeting and the Board approved voting 7-0-0-0.

Return to Open Meeting - 9:32 pm

Mr. Miller made a motion to return to Public Session. Mr. White seconded and the Board approved voting 7-0-0-0.

Mr. Campbell then read the following Certification of Closed Meeting;

Whereas, the Washington County Service Authority has convened a Closed Meeting on this date pursuant to an affirmative recorded vote and in accordance with the provisions of the Virginia Freedom of Information Act;

And Whereas, Section 2.2-3712 Paragraph D of the Code of Virginia requires a certification by this Authority that such Closed Meeting was conducted in conformity with Virginia Law.

Now, therefore, be it resolved that the Authority hereby certifies that to the best of each member's knowledge, (1) only business matters lawfully public meeting from open exempted requirements by Virginia law were discussed in the Closed Meeting to certification resolution which this applies, and (2) only such public business matters as were identified in the motion convening the Closed Meeting were heard, discussed or considered by the Authority.

Aye by Mr. Miller, Mr. Smith, Mr. Campbell, Mr. Taylor, Mr. Nurre, Mr.

White and Mr. McCall confirming no outside discussion took place other than Closed Meeting topics.

21. Consideration of Outside Legal Counsel Contract – Robbie Cornett

Mr. Taylor accepted the resignation of Elliott Lawson and Minor and thanked them for their services.

Mr. McCall motioned to approve the hourly rate Contract with Dene & Dene and asked that Elliott Lawson & Minor complete everything necessary to close on project funding for the Exit 13 Phase 3 Sewer Project and Route 58 Corridor Water Supply Project and to compete the filing of the Cooperate Life Extension with the State Cooperation Commission. Mr. White seconded and the motion passed with a 7-0-0-0 Board vote.

22. Late Items

Mr. Taylor thanked the Commissioners for their support during his time of service as Chairman of the Board.

23. Adjourn

Mr. Campbell made a motion to adjourn at 9:40 pm. Mr. McCall seconded and the Board approved voting 7-0-0-0.

Mr. Ken Taylor, Chairman

Carol Ann Shaffer, Assistant Secretary

June 2017 Operational Update

June 26, 2017

2 Discussion Items

- ▶ People
- ▶ Safety
- ▶ Department Highlights
- ▶ No Financials pending final numbers
- ▶ Forward Looking Statement

3 People

- ▶ One Employee in Metering has Separated from WCSA
 - · James Smith from Maintenance Accepted the Position
 - Writing Job Description for the Maintenance Position, then will post both internally & externally
- Waste Water Maintenance Crew
 - Adding 2 Employees per Approved Budget
 - · Scott Trodgen and Adam Fogleman have accepted
 - Will Move 2 Employees from Maintenance –Water to Maintenance Waste Water to start necessary line and lift station pm's.

4 Safety

- ▶ NIMS Training Managers was a primary focus in June, around 32 hours of training per manager.
 - Now to Apply to our current Emergency Response Plan
- ▶ Chlorine Mask Fitting & Training set for August 23rd.

5 2017 June Water Production Highlights

- ▶ SFT & MFDWP Issue Resolution
 - Raw Water Feed to the Plant
 - · Supply Stability Air in Line, Cla-Val Regulation
 - Starting to perform a GAP analysis on Plant SCADA/Reporting/What was Promised and what is Needed.
- ▶ System Operation
 - Water Quality
 - · Brumley Gap Area, Systematic Flushing
 - Awaiting DBP Results
 - Starting Tank Chlorine Analysis to determine if we have significant chlorine stratification in our tanks

6

7 2017 June Water Production Hidden Valley (Update)

- ▶ Hidden Valley Water System Currently Under Notice of Violation (NOV) from VDH as of June 30, 2017.
 - Discuss Current Efforts
 - Customer Notifications
 - Solutions

- · Efforts to Date
- Future Plans

8 2017 June Water Production Hidden Valley - Cont'd

- ▶ Investigated if there is a technology that can remove some/all of the HAA5?
 - TTHM's Yes, but Not for HAA5
- ▶ Well Source in Upper End of Hidden Valley
 - Contracted with Bartlett Geological Associates (Dr. Bartlett)
 - · Geological Survey of the area
 - · Identified potential well sites
 - WCSA has
 - · Contacted drillers and confirmed VDH requirements with them
 - · Materials Located
 - Estimated about \$17,000 +/- 20% to drill 1,000' well per VDH specifications
 - Estimated about \$3,000 +/- 20% for water and well testing to VDH standards
 - One out of state landowner, other DGIF (preferred site)
 - · Contacted DGIF, written response was No
 - · Contacted Out of State Landowner who is willing to work with us

9 2017 June Water Production Hidden Valley – Cont'd

- NOV Plan
 - · Hand Deliver before June 30th
 - With <u>Important Information About Your Drinking Water</u> to help answer questions in simple terms
 - Trained Customer Service , June 23rd
 - · Provided FAQ Sheet which we will keep updated
 - · Will Train Maintenance and Filter Plant this week
 - · Also turning the mirror on ourselves with extensive DBP sample collection audit.
- ▶ Next Sample Date: August
 - DBP's are temperature dependent and will likely increase with warmer weather

10 2017 June Water Production Hidden Valley - Cont'd

11 2017 June Wastewater Process Highlights

- ▶ I&I
- Team Approach with Maintenance
 - Prioritized and Categorized I&I Issues
 - Driving Costs up, Focus on King Mill Pike
- ▶ Operational
 - Hall Creek Internal Plant SCADA
 - Collection System SCADA
- **▶** Capital
 - Scoping Equipment needs for Hall Creek Headworks
 - · Plan is to utilize RFP Process Move to Higher Priority
 - Scoping Process to Retrofit Damascus Plant to extend useful life

12 2017 June Wastewater Process Highlights

13 2017 June Distribution Highlights

- ▶ Providing Technical Support to SFI and MFDWP Issues
- ▶ Executing PSV/PRV Preventive Maintenance Program
 - Establishing Baseline for each PRV, Hydraulic Grade lines
- ▶ Continued with Customer Education & Inspections of Cross Connections and Back Flow Prevention
- ▶ Recall we are systematically approaching water losses, Non Revenue Water, NRW
 - Drew Circle around the MFDWP to mass balance
 - Found Imbalance from Taylor's Valley Spring water to what was being supplied to the MFDWP
 - Located Leaks which then increased the spring line pressure and created more leaks.
 Valve issue with maintaining consistent hydraulic grade line.
- Results are promising more once verified.

14 2017 June Metering Highlights

- ▶ Meter Replacement, Very Large Project
- ▶ At this point WCSA must validate existing meter accuracy to calculate ROI for financing purposes.
 - \circ Use external source to validate WCSA measurements, have meeting with Meter Sys on July 11th.
 - · Held Meeting, not sure this is the best fit for WCSA
- ▶ This is critical in determining WCSA's cash flow basis. We do not want this project to warrant a rate increase, but need facts to make this determination.

15 2017 June Water Maintenance Highlights

- ▶ System Improvements
 - Abandoning Transite along Lee Highway
 - · Replacing problematic area along Hawthorne
 - · Slip Line Under Lee Highway @ Industrial
 - · Osceola Road In Final Testing
 - Universal Fibers
- ▶ Routine Activities
 - Leaks 30 (2015 Avg. 30)
 - Main Line Breaks 5 (2015 Avg. 6)
 - After Hours Responses 47 (2015 Avg. 38)
 - · After Hours Responses a Target Area for Improvement

▶ Costs

- Preventive Maintenance
 - Mobile Equipment
 - · Tanks
 - Pump Stations
 - Fire Hydrants

16 Forward Looking Statement

- ▶ Customer Relationships
 - Fire Departments
 - Hydrants & Training Started
 - Water & Sewer Customers
 - More Customer Engagement at Time of Contact

▶ Quality

- System Pressure/Flow Variations as Detected During Hydrant Stress Tests
- Brumley Tank water turnover improvements
- · Hidden Valley DBP

▶ Costs

- Production Costs (Water Loss and I&I)
- Continue to work with all Departments to reduce Non Revenue Activities (NRA)
- Hydrants as a Device to "Stress Test" our Water Delivery System to identify Problems Early
- Construct Hydraulic Grade lines in our GIS to aid in Troubleshooting and Early Detection
- Work with Engineering/Operations on How to Work Together to Obtain the Most Value in our Construction Projects

1 General Managers Report and Update

July 24, 2017

2 Initiatives and Event

- Corporate Life Extension Granted
 - June 26, 2067
- Hope to Update Operational Cost Savings
 - Last Update 2014
 - Commitment to Continuous Improvement
- Compensation and Benefit Survey
 - Last Updated 2012
 - Ensure we Compensate Adequately and can Attract and Retain Best in Class Employees
- Annual Picnic
 - Saturday, August 26, 2017
 - 10:00 AM to 3:00 PM
 - 4-H Center

Western Washington County Water Reclamation Facility And

Wastewater Collection and Conveyance System Timeline Why its Important?

4 Importance!

- Existing Residents Want/Need Public Sewer
 - Failing Septic Systems
 - Protect Most Important/Valuable Asset; Their Home
- Future Residents, Business and Industry Need Public Sewer
 - Without it, This Part of our County Cannot Grow
 - We Cannot Compete with Neighboring Communities
- Lifecycle Cost
 - Capital Cost \$16-\$20 Million (Phase 1)?
 - Operating Cost \$____
 - <u>Decisions Made During the Preliminary Engineering Report (Next 12 Months) Will Impact our Customers for Generations!</u>

5 Background

- March 17, 2009, Washington County (County) and Washington County Service Authority (WCSA) jointly resolve to study future sewer service requirements for the western portion of Washington County, Virginia.
- The Lane Group, partnering with Olver Incorporated (now CHA Companies), the Engineers, were procured to perform the study.

6

7 Background

• February 22, 2010, WCSA secures 1 MGD sewer capacity from the Town of Abingdon. (Resolution 1.a.i.)

8 Background

 The Engineers performed the study and produced a written document and on April 21, 2011 presented their findings and recommendation at a joint meeting of the County, WCSA and Washington County Industrial Development Authority (IDA). The recommendation was summarized as follows:

9 Background

Recommendation:

- 1. WCSA is to:
 - a) Simultaneously explore alternatives of:
 - I. Negotiate with the Town of Abingdon for additional sewer capacity, and
 - II. Develop a variable-flow system with WCSA-owned 0.5 MGD WWTP
 - b) Submit a VPDES discharge permit application for the WWTP referred to above for a minimum discharge of 0.5 MGD to Beaver Creek with a tiered permit requirement of 1.5 MGD.
 - c) Finalize a schedule of development for the study area and develop a phased approach for the alternatives above
 - d) Pursue funding for implementation of the Engineers' recommendations

10 Background

Recommendation Continued...

- 1. IDA is to:
 - a) Confirm the sufficiency of the 1 MGD of industrial reserve capacity within Oak Park and BWCIP
 - b) Support WCSA in the pursuit of funding as pertains to the industrial reserve capacity
- 2. County is to:
 - a) Support WCSA and/or the IDA in the pursuit of funding, negotiations, permits, approvals as pertains to the implementation of any or all projects in the study area

11 Background

- WCSA and the IDA determined that the Engineer's findings and recommendations as noted above were in the best long-term interest of the residents of Washington county and jointly adopted a resolution on that date (April 21, 2011).
- The County deferred action in favor of additional time for consideration and consultation with WCSA. On June 28, 2011, the Board of Supervisors unanimously adopted a resolution as follows:

12 Background

County Resolution:

- 1. WCSA is to:
 - a) Simultaneously explore alternatives of:
 - i. Negotiate with the Town of Abingdon for additional sewer capacity, and
 - ii. Develop a variable-flow system with WCSA-owned 0.5 MGD WWTP
 - iii. WCSA and Bristol Virginia Utilities Authority (BVUA) and/or City of Bristol, Virginia reopening discussions/negations regarding the long-standing differences in the interpretation of the 1993 agreement for wastewater treatment capacity in a good faith effort to resolve the differences in interpretation, and
 - iv. WCSA and BVUA and/or the County and City of Bristol, Virginia reopening discussions/negotiations concerning access to additional wastewater treatment capacity at the existing plant located on Boone Lake in Sullivan County, Tennessee, and to study the feasibility of consolidation of public water and wastewater utilities presently serving Washington County and the City of Bristol, Virginia.
 - b) Submit a VPDES discharge permit application for the WWTP referred to above for a minimum discharge of 0.5 MGD to Beaver Creek with a tiered permit requirement of 1.5 MGD.
 - c) Finalize a schedule of development for the study area and develop a phased approach for the alternatives above

d) Pursue funding for implementation of the Engineers' recommendations

13 Background

County Resolution Continued...

- IDA is to:
 - a) Confirm the sufficiency of the 1 MGD of industrial reserve capacity within Oak Park and BWCIP
 - b) Support WCSA in the pursuit of funding as pertains to the industrial reserve capacity
- County is to:
 - a) Support WCSA and/or the IDA in the pursuit of funding, negotiations, permits, approvals as pertains to the implementation of any or all projects in the study area

14 Background

- The IDA passed a resolution on August 10, 2011 stating that 1 MGD of sewer capacity would be sufficient for Oak Park and BWCIP for the next 30 years. (Resolution 2.a.)
- March 20, 2013 WCSA constructs its Exit 13 Phase 1 Sewer System Extension Project to convey an additional 500,000 GPD of flow to the Town for treatment at a total project cost of \$9,009,357 of which \$3,203,647 is allocable to the 500,000 GPD of capacity. (Resolution 1.a.ii. and 3.a.)
- July 1, 2013, WCSA and IDA enter into an agreement whereby 500,000 GPD of capacity is setaside for use by existing industry expansion or new industry at the IDAs discretion and subject to the Town of Abingdon, County and WCSA ordinances.

15 Background

- January 2, 2014 WCSA constructs the Oak Park Sewer System Expansion. This project resulted in 500,000 GPD of sewer capacity being made available to Oak Park. The project was paid for by a grant from the Tobacco Commission. (Resolution 1.a.ii., 2.b. and 3.a.)
- December 8, 2014, WCSA and BVUA nearly reach consensus on interpretation of 1993
 Agreement. Memorandum of Understanding never signed. (resolution 1.a.iii.)
- February 10, 2015, WCSA and County learn that BVUA does not have sewer capacity to sell to WCSA nor is there interest in WCSA becoming part owner of the Boone Lake WWTP. (Resolution 1.a.iv.)

16 Background

- March 24, 2015, WCSA receives a Special Exception Permit from Washington County for construction of the proposed Western Washington County Water Reclamation Facility. (Resolution 3.a. above)
- December 16, 2016, WCSA receives a tiered VPDES permit for 0.5 MGD, 1.0MGD and 1.5MGD for Western Washington County Water Reclamation Facility. (Resolution 1.a.ii.)
- From 2011 to present, numerous discussions have occurred with the Town of Abingdon and BVUA regarding interpretation of the 1993 Agreement (BVUA) additional sewer capacity and broader more regional opportunities. Although promising, none have developed to the point of being considered by their respective Boards. (Resolution 1.a.i., 1.a.iii. and 1.a.iv.)

17 Looking Ahead

- Although schedules are currently being negotiated between WCSA and its Engineer's, we estimated the following:
- July 2018 (if not before), the preliminary engineering report (PER) for the Western Washington County Water Reclamation Facility and Lee Highway Corridor collection and conveyance system is expected to be complete. (Resolution 1.c. and 1.d.)
- As appropriate according to the PER, and upon board approval, seek funding for the Project(s). (Resolution 1.d.)

18 Looking Ahead

- Design, easements, permits and necessary approvals for the Western Washington County Water Reclamation Facility and Lee Highway Corridor collection and conveyance system are expected to be complete by July 2019. (See 1.d. above.)
- Construction of the Western Washington County Water Reclamation Facility is expected on or before March 23, 2020 (expiration of the Special Exception Permit) and Lee Highway Corridor collection and conveyance system is estimated to be complete and ready for service by late 2020. (See 1.d. above.)
- As appropriate, construction of collection systems adjacent to the Lee Highway corridor are expected to follow in the years after 2020.

19 Importance of Looking Ahead!

- Existing Residents Want/Need Public Sewer
 - Failing Septic Systems
 - Protect Most Important Asset; Their Home
- Future Residents, Business and Industry Need Public Sewer
 - Without it, This Part of our County Cannot Grow
 - We Cannot Compete with Neighboring Communities
- Lifecycle Cost
 - Capital Cost \$16-\$20 Million (Phase 1)?
 - Operating Cost \$______
 - <u>Decisions Made During the Preliminary Engineering Report (Next 12 Months) Will Impact our Customers for Generations!</u>



Inside Engineering Projects

Ritchie Road Water Line Project-

- Bid Opening July 20th
- More information to be provided with Agenda Item #11.



Inside Engineering Projects

Haskell Station Road Extension Project

- Contractor has installed all the line for the base bid and Line 100 already has customers tied to the new line.
- Completed final stream crossing on base-bid. Line 200 has been installed and will be pressure tested and disinfected in upcoming days.
- Revised Change Order 1 added 2,500' of pipe.
- Contractor plans to return in upcoming weeks to complete change order work. 45% of contract time has passed. Completed 55% of contract value.



Potential New Water Line Extensions

- Rattle Creek
- Chip Ridge
- Rich Valley Road
- Sugar Cover Road
- Hidden Valley Phase 2

Staff has a meeting with VDH this week to initiate the environmental review process for these projects.



Potential New Water Line Extensions

Mendota

 To date we have 35% participation, up 2% from last month.



Potential New Water Line Extensions

Archery Range Road/Mary's Chapel

- Held a community meeting for July 13that Mary's Chapel Church with Mr. Miller, Robbie and Lisa
- Good turnout
- On our first round of user agreements after our initial meeting we are at 37% participation.
- Looking pretty good for this project meeting participation levels which are 50% + 1.

